

OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
RSPA	RSPA001	\$290	\$300	\$330

TITLE:

OPS COMPUTER HARDWARE REQUIREMENTS (HQ AND REGIONS)

DESCRIPTION:

ONE OF THE KEY COMPONENTS OF THE OPS INFORMATION SYSTEMS PLATFORM IS MAINTAINING ADEQUATE WIDE-AREA NETWORK (WAN) CONNECTIVITY IN OUR REGION OFFICES. THE WAN SUPPORTS INTERNAL OPS CUSTOMERS BY DECREASING THE OFFICE AUTOMATION SUPPORT BURDEN AT THE REGIONAL LEVEL WHILE INCREASING BANDWIDTH TO REGION OFFICES, ENABLING GLOBAL ACCESS TO HQ BASED SYSTEMS, INCLUDING INTERNET ACCESS, THE NATIONAL PIPELINE MAPPING SYSTEM (NPMS), AND THE INTEGRATED OPERATOR COMPLIANCE SYSTEM. THESE TOOLS ENABLE OUR LIMITED NUMBER OF FIELD-BASED PIPELINE INSPECTORS WITH ACCESS TO INFORMATION CRUCIAL FOR PERFORMING THEIR JOBS EFFECTIVELY AND EFFICIENTLY. THE PLATFORM IS DESIGNED TO PROVIDE ADEQUATE BANDWIDTH TO MEET CURRENT AND FUTURE NEEDS FOR ACCESSING INCREASING AMOUNTS OF INFORMATION, INCLUDING INTERNET BASED INFORMATION, CLIENT-SERVER ACCESS TO HQ BASED ORACLE SYSTEMS, AND GEOGRAPHICAL INFORMATION IN THE NPMS. COSTS INCLUDE ONGOING FEES FOR DEDICATED DATA LINES FOR WAN ACCESS AND FOR WORKSTATION MAINTENANCE AND REPLACEMENT - AN ESSENTIAL COMPONENT OF ANY IRM PLAN. AVERAGE LIFE-CYCLE FOR WORKSTATIONS ARE FROM THREE TO FIVE YEARS.

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OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
RSPA	RSPA002	\$165	\$173	\$182

TITLE:

PROVIDE SOFTWARE, HARDWARE, AND TRAINING SUPPORT TO STATE PIPELINE SAFETY PROGRAMS

DESCRIPTION:

THIS ITEM INVOLVES PROVIDING SOFTWARE, HARDWARE, AND TRAINING SUPPORT TO STATE PIPELINE SAFETY PROGRAMS. THIS WILL SUPPORT OPS' INTERNAL AND EXTERNAL CUSTOMERS BY GREATLY FACILITATING INFORMATION SHARING DURING CRISES AND PROVIDING QUICKER ON-SCENE COORDINATION BETWEEN FEDERAL AND STATE AGENCIES DURING EMERGENCIES.

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OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
RSPA	RSPA004	\$800	\$800	\$800

TITLE:

GEOGRAPHIC INFORMATION SYSTEMS DEVELOPMENT

DESCRIPTION:

COMPREHENSIVE ANALYSIS OF SAFETY ELEMENTS IN THE PIPELINE INDUSTRY CURRENTLY INVOLVES THE USE OF MANY DISPARATE DATASETS IN DIFFERENT LOCATIONS, SOFTWARE SYSTEMS, AND HARDWARE PLATFORMS, INCREASING THE COMPLEXITY AND LOWERING THE EFFICIENCY WITH WHICH SUCH STUDIES CAN BE ACCOMPLISHED. OF INCREASING IMPORTANCE FOR SAFETY ANALYSIS IS THE LOCATION OF PIPELINES IN PROXIMITY TO ENVIRONMENTAL HAZARDS, WETLANDS, DRINKING WATER INTAKES, AND PEOPLE. TODAY, ELECTRONIC MAPPING SYSTEMS PROVIDE INTEGRATION OF DATA TO A SINGLE PLATFORM, ENABLING GEOSPATIAL ANALYSIS, SIMPLIFYING COMPLEX ANALYSES, AND PROVIDING INFORMATION IN A MORE DIGESTIBLE FORM THROUGHOUT THE ORGANIZATION. BASIC INFORMATION SUCH AS PIPELINE NAME, OWNERSHIP, AND INSPECTION DATA WOULD BE STORED WITH AND ACCESSIBLE THROUGH THE GRAPHIC OF THE PIPELINE, NOT IN VARIOUS REMOTE DATABASES. AS THE COSTS OF IMPLEMENTATION OF THESE SYSTEMS RAPIDLY LESSENS, OPS MUST EVALUATE FUTURE INFORMATION PROCESSING REQUIREMENTS IN TERMS OF TIME REQUIRED TO OBTAIN LOCATION DATA AND IMPLEMENT SUCH SYSTEMS.

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OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
RSPA	RSPA005	\$610	\$620	\$660

TITLE:

Integrated Operator Compliance System (IOCS)

DESCRIPTION:

THIS IS AN ONGOING EFFORT TO STREAMLINE AND IMPROVE WORK PROCESSES AND THE INFORMATION SYSTEMS THAT SUPPORT THEM. ORACLE SOFTWARE WAS CHOSEN AS THE DEVELOPMENT PLATFORM. THE OVERALL GOALS ARE TO IMPROVE OPS WORK PROCESSES AND INTEGRATE THE EXISTING DATABASES TO IMPROVE ACCESS TO INFORMATION NEEDED FOR RISK BASED DECISION MAKING. THE SYSTEM WAS REDESIGNED IN 1999 TO RUN ON NOTEBOOK COMPUTERS, WITH PRIMARY CONSIDERATION GIVEN TO ENABLING FIELD USE AND ON-SITE DATA ENTRY, THE SYSTEM WAS REDESIGNED IN 1999 TO RUN ON NOTEBOOK COMPUTERS, WITH PRIMARY CONSIDERATION GIVEN TO ENABLING FIELD USE AND ON-SITE DATA ENTRY. THE SYSTEM USES THE ORACLE DATABASE AND PROVIDES THE CORNERSTONE FOR INTEGRATION OF GIS DATA AND OTHER OPERATOR-RELATED DATA. REGION ACCESS IS VIA WIDE AREANETWORK (WAN) CONNECTIONS. IOCS PROVIDES A TOOL FOR CAPTURING INSPECTOR FINDINGS DURING PIPELINE OPERATOR INSPECTIONS, WITH SPECIAL EMPHASIS ON TARGETING RISK BASED INFORMATION TO PROTECT PEOPLE AND ENVIRONMENTALLY SENSITIVE AREAS, ESPECIALLY AREAS WHERE PIPELINES MAY THREATEN DRINKING WATER SOURCES.

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OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
RSPA	RSPAO006	\$1,223	\$1,240	\$1,290

TITLE:

INTEGRATED PIPELINE INFORMATION SYSTEMS MAINTENANCE AND DEVELOPMENT

DESCRIPTION:

IPIS IS THE OFFICE OF PIPELINE SAFETY'S INFORMATION SYSTEM FOR COLLECTION, DISSEMINATION, AND ANALYSIS OF THE DEPARTMENT'S PIPELINE SAFETY RELATED DATA, USED BY STATE, REGIONAL, FEDERAL AND LOCAL GOVERNMENTS IN SAFETY RISK ASSESSMENT PLANNING AND ENFORCEMENT EFFORTS. MAINTAINING THIS DATABASE IS ESSENTIAL FOR MEETING OPS' DAY-TO-DAY DATA NEEDS. SAFETY INSPECTORS RELY HEAVILY ON THE SYSTEM TO DETERMINE RISK ASSESSMENT AND PRIORITIZATION OF INSPECTION ACTIVITIES AND FOR TRACKING ENFORCEMENT ACTIVITIES. EXTERNAL CLIENTS RELY ON THE DATA HEAVILY FOR FOIA REQUESTS. THE DATA IS ALSO USED FOR THE OPS PIPELINE INSPECTION PRIORITY PROGRAM (PIPP) WHICH IS USED BY BOTH FEDERAL AND STATE INSPECTORS TO DETERMINE INSPECTION SCHEDULES BASED ON RISK. IPIS PROVIDES TIES TO ALL OF THE DATA THAT OPS COLLECTS, INCLUDING DATA IN THE NATIONAL PIPELINE MAPPING SYSTEM. FIGURES QUOTED ARE FOR IN HOUSE SUPPORT CONTRACT COSTS WHICH INCLUDE PROVIDING FOR INFORMATION DISSEMINATION FOR FOIA REQUESTS AND CONGRESSIONAL DATA REQUESTS, PROGRAMMING MAINTENANCE, ANALYSIS, SYSTEM IMPROVEMENTS, AND HARDWARE MAINTENANCE.

CONTACT: MR. ROGER LITTLE

OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
RSPA	RSPAO008	\$2,835	\$2,835	\$3,660

TITLE:

HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS)

DESCRIPTION:

RSPA'S HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS) IS THE PRINCIPAL SOURCE OF SAFETY DATA RELATED TO HAZARDOUS MATERIALS TRANSPORTATION. THIS SYSTEM CONTAINS COMPREHENSIVE DATA ON INCIDENTS, EXEMPTIONS AND APPROVALS, ENFORCEMENT ACTIVITIES, THE REGISTRATION PROGRAM AND OTHER ELEMENTS THAT SUPPORT THE REGULATORY PROGRAM. THE INCIDENTS DATA IS BASED ON BOTH IMMEDIATE TELEPHONE REPORT OF CERTAIN INCIDENTS COLLECTED AND TRANSMITTED DAILY TO THE HMIS BY THE US COAST GUARD'S NATIONAL RESPONSE CENTER, AND ON WRITTEN REPORTS FILED WITH THE AGENCY BY THE CARRIER WITHIN THIRTY DAYS OF ALL COVERED INCIDENTS. THESE WRITTEN REPORTS NUMBER ABOUT 15,000 ANNUALLY, WITH A TOTAL HISTORICAL DATABASE OF ABOUT 300,000 INCIDENTS.

RSPA HAS BEGUN THE CONVERSION AND UPGRADING OF THE HAZARDOUS MATERIALS

INFORMATION SYSTEM (HMIS) DATABASE MANAGEMENT SOFTWARE TO PROVIDE A MORE ROBUST SYSTEM ENVIRONMENT TO INCREASE DATA COLLECTION AND DISSEMINATION CAPABILITIES. RSPA CONTINUES TO IMPROVE HMIS MENU-DRIVEN PROGRAMS TO ENABLE ALL OF THE FEDERAL, STATE AND LOCAL GOVERNMENT SYSTEM USERS TO ACCESS DATA AND GENERATE SUMMARY STATISTICAL REPORTS FROM THE SEVEN HMIS SUBSYSTEMS. RSPA'S OFFICE OF HAZARDOUS MATERIALS SAFETY CONTINUES TO ENHANCE AND EXPAND ITS WORLD WIDE WEB SITE ENABLING PUBLIC ACCESS TO THE HMIS DATA. RSPA HAS BEGUN INVESTIGATING ITS CAPABILITY FOR RECEIVING HAZARDOUS MATERIALS INCIDENT REPORT DATA VIA ELECTRONIC TRANSMISSION. RSPA CONTINUES TO EXPAND ITS PC-BASED IMAGING SYSTEM FOR THE STORAGE AND RETRIEVAL OF ARCHIVED REGISTRATION PROGRAM FORMS, HAZARDOUS MATERIALS INCIDENT REPORT FORMS, EXEMPTION DOCUMENTS AND OTHER OFFICE PROGRAM DOCUMENTS. THE REGISTRATION PROGRAM HAS ADDED 28,500 REGISTRATION RECORDS AND COLLECTED \$8.7 MILLION TO FUND A NATIONAL EMERGENCY RESPONSE PLANNING AND TRAINING PROGRAM.

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OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
RSPA	RSPA0010	\$394	\$411	\$425

TITLE:

ADP INSTITUTIONAL SUPPORT SERVICES CONTRACT (AISSC)

DESCRIPTION:

CONSISTENT WITH OMB-A-76, THE VOLPE CENTER HAS AN IN-HOUSE INSTITUTIONAL SUPPORT SERVICES CONTRACT THAT PROVIDES PROGRAMMING AND ANALYSIS SUPPORT FOR VOLPE CENTER INSTITUTIONAL APPLICATIONS, COMPUTER OPERATIONS, AND SYSTEMS PLANNING. IT ALSO PROVIDES HARDWARE AND SOFTWARE MAINTENANCE FOR THE DIGITAL VAX ADP FACILITIES AND THE VOLPE CENTER LAN AND SERVERS MAINTAINED AND OPERATED BY THE COMPUTER CENTER.

A SYNOPSIS OF VOLPE CENTER FINANCIAL SYSTEMS THAT EXIST UNDER THIS ENVIRONMENT INCLUDES:

System Name: Executive Information System - RSPA

Application Name: Management Information System/ Executive Information System

The Executive Information System (EIS) facilitates access to information that is contained in various Volpe Center financial and administrative management systems. The system enables users to develop projections and comparative analyses. It provides the capability to access and graphically display high-level views of management data, as well as the underlying detailed data.

System Name: Payroll System - RSPA

Application Name: Labor distribution

The payroll system at the VOLPE center is a reporting system only, that does not calculate the actual payroll or generate checks. The DOT Payroll system transmits an output file and is used to generate reports and provide a basis of comparison for the Labor Distribution system.

System Name: Accounting System - DOT
Application Name: Financial Status of Programs (FSOP)

The FSOP system is comprised of 5 components, which consist of the: WPB (work plan budget); PLAN (project plan agreements); Fund Certification; Total Cost; and FSOP applications. The system tracks budgetary information, whose purpose is to provide funding information for project decision-making.

System Name: Accounting System - DOT
Application Name: Invoice Tracking System

The data tracked by this system includes invoices received, discount terms, invoice amount, vendor information, discounts taken, discounts lost, payment amount and payment date. The information is used to provide aging reports, which identify the overall status of the invoice payment process and are used in the selecting items for payment.

System Name: System - RSPA Procurement
Application Name: Procurement Request Information Mgmt. System (PRIM)

The PRIM system is for acquisition management. The system maintains information for approximately 1200 procurement additions and 200 contract awards per year. The system's on-line interface is utilized for entering award, modification and closing information. The PRIM system feeds various satellite acquisition systems that consist of the Procurement Status System; the Contract Administration System; and the Procurement Integrity System.

System Name: Property System - RSPA
Application Name: Property Management System

The Property Management system maintains information on approximately 20,000 items of tagged equipment. On-line maintenance is performed to record property additions, transfers, changes and deletion transactions.

System Name: Accounting System - DOT
Application Name: Communication Management System

The Communications System is a reporting system for all charges incurred for equipment, toll, long distance and FTS calls. Data is compared against bills that are received from the phone company. Audit are performed monthly and reports are generated..

System Name: Cost Distribution
Application Name: Support Service Contractor Labor distribution System

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OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
RSPA	RSPA0011	\$1,500	\$1,528	\$1,700

The purpose of the system is to compile accounting information for the labor and travel expenses / charges that are incurred by on-site contractors for services provided to the Volpe Center.

TITLE:

OFFICE AUTOMATION FOR ADMINISTRATIVE SYSTEMS SUPPORT

DESCRIPTION:

System Name: Mail Management Program

Application Name: Mail Management Program. This program provides infrastructure automation processing and communication support for RSPA HQ and the field sites. A RSPA LAN/WAN IS. This application accumulates financial and other information for all of the outgoing mail / courier complemented with various servers that support specific automation shipments from the Volpe Center. The system stamps and weighs mail, and provides all functions. Automation services provide critical communications and necessary rate information, programming, hardware and software licensing, remedial and preventive maintenance training, planning and specialized assistance in various technical areas.

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OA:	INITIATIVE ID:	FY-2000:	FY-2001:	FY-2002:
RSPA	RSPA0012	\$0	\$0	\$0

TITLE:

BUSINESS MODERNIZATION

DESCRIPTION:

THIS PROGRAM PROVIDES FOR INVESTMENT IN NEW TECHNOLOGIES, ACCELERATED EVALUATION OF RSPA'S SYSTEMS AND AUTOMATION OF ADDITIONAL BUSINESS PROCESSES. THESE INVESTMENTS WILL ALLOW RSPA TO KEEP PACE WITH ITS SHAREHOLDERS, THE PUBLIC AND GOVERNMENT PARTNERS.

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